

**U.S. ENVIRONMENTAL PROTECTION AGENCY
PROGRESS POLLUTION REPORT**

I. HEADING

Date: March 5, 1993

From: Kevin Matheis/Jack Harmon, On-Scene-Coordinators,
USEPA, REGION II

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TAT

Subject: Frontier Chemical Processes, Inc., Niagara Falls,
Niagara County, NY - Cyanides, Oxidizers, Flam-
mables, Corrosives, Halogenated and
Non-Halogenated Solvents

POLREP NO: Five (5)

II. BACKGROUND

SITE/SPILL NO.:	AY
D.O. NO.:	0026-02-036
RESPONSE AUTHORITY:	CERCLA/SARA
NPL STATUS:	Non-NPL
START DATE:	December 21, 1992
APPROVAL STATUS:	Verbal Authorization of Funding from Deputy Regional Administrator
STATUS OF ACTION MEMO:	Pending

III. RESPONSE INFORMATION

A. Situation

1. See Polrep #1.

B. Actions Taken

1. During the weeks of February 22 and March 1, ERCS, Environmental Technologies Inc. (ETI), continued maintenance activities on the facility. Their tasks included: pumping water from all secondary containment sumps through a Granulated Activated Carbon (GAC) system on-site to remove organic contamination; securing and overpacking leaking drums as needed; repairing heat tracer lines located along water lines; and boiler compressor maintenance. Currently, two former Frontier Chemical employees hired by ETI are on-site during the day to perform maintenance duties. Workers during the night shift perform the pumping activities as necessary.
2. On Monday, February 22, ERCS repaired airlines in Building #50.
3. On Tuesday, February 23, ERCS overpacked a leaking drum in Building #27.
4. On Wednesday, February 26, ERCS overpacked a drum in an outside drum storage area (DS #2) and pumped water from sumps in Building #50 and #51 (cyanide room) into holding tanks. All wastewater from the sumps is treated on-site through the GAC system and stored in holding tanks. Once the holding tank becomes full, a sample is collected and sent off-site for analyses. All wastewater from the sumps is then discharged to the Niagara Falls Treatment Facility upon approval of analytical results.
5. On Monday, March 1, ERCS overpacked a drum in Building #12A and pumped sumps from C-101, C-105, C-303 and from a berm surrounding Tank #215. 6,100 gallons of wastewater were treated and pumped into holding tanks. A corroded drum in DS #3 was overpacked. Two waste containers were moved from the maintenance building to DS #4 for storage.
6. On Tuesday, March 2, ERCS pumped sumps from C-302, C-101, C-105 and C-109 and processed 5,800 gallons through the GAC system. A leaking drum in Building #73 (DS #19) was overpacked. Forty overpacks were delivered for future overpacking operations.

7. On Friday, March 6, ERCS pumped sumps from tank areas C-304 and C-405.
8. TAT conducted daily air monitoring and inspection of the all drums staging areas and buildings. TAT monitored selected areas with draeger tubes and an HCN monitox in the cyanide treatment building; no readings above background were detected.
9. TAT completed a database inventory of all drums located on-site and assembled the information into looseleaf binders. One binder lists all generators, their addresses and contact numbers. The other specifies each drum, it's location, waste codes and the generator. There are a total of 4,091 drums with waste on-site, excluding labpacks and empty drums.

C. Future Actions

1. Maintenance of the facility and 24-hour security will continue.
2. TAT will create a new inventory to include the number of drums and their waste codes for each generator. This will be sent to the Office of Regional Council (ORC) for distribution to each generator.
3. Files obtained in Building #24 will be used to conduct a search to further characterize all hazardous and non-hazardous waste on-site.

D. Key Issues

1. None.

IV. COST INFORMATION:

	Amount Budgeted	Cost To Date (As of 03/18/93)	Amount Remaining
		Obligated to DCN#932AKE0004 DCN#932AKE0010	Amount Unobligated
Verbal Amount	\$ 500,000	\$ 394,600	\$ 150,300
Cleanup Contractor DCN#	\$ 500,000	\$ 394,600	\$ 105,300
932AKE0004			
932AKE0010			
EPA/TAT	\$ 250,000	\$ 96,800	\$ 153,100
SITE TOTAL	\$ 750,000	\$ 297,800	\$ 452,200